

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2924745

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
KAPSCH CARRIERCOM FRANCE SAS		06/14/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LENOVO GROUP LIMITED	
<b>Street Address:</b>	23RD FLOOR, LINCOLN HOUSE	
<b>Internal Address:</b>	TAIKOO PLACE, 979 KING'S ROAD	
<b>City:</b>	QUARRY BAY	
<b>State/Country:</b>	HONG KONG	
<b>PROPERTY NUMBERS Total: 22</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	10187934	
Application Number:	09943871	
Application Number:	12088488	
Application Number:	08760381	
Application Number:	09715753	
Application Number:	09609913	
Application Number:	08109155	
Application Number:	08911628	
Application Number:	10610370	
Application Number:	10634555	
Application Number:	09723345	
Application Number:	08509136	
Application Number:	09121940	
Application Number:	08760276	
Application Number:	09365669	
Application Number:	08986810	
Application Number:	09508132	
Application Number:	09293390	
Application Number:	10036084	
Application Number:	10056538	
Application Number:	10334669	

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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11984490

**CORRESPONDENCE DATA**

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<b>ATTORNEY DOCKET NUMBER:</b>	710.001
<b>NAME OF SUBMITTER:</b>	JAN HAYES
<b>SIGNATURE:</b>	/Jan Hayes/
<b>DATE SIGNED:</b>	07/03/2014

**Total Attachments: 5**

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### Patent Assignment

This patent assignment ("Assignment") is entered into as of April 14<sup>th</sup>, 2014 by and between Kapsch CarrierCom France SAS, a corporation organized under the laws of France, with principal place of business at Bâtiment Themis, Bâtiment 4, 1, Rue Jean-Pierre Timbaud, 78180 Montigny-le-Bretonneux, France ("Assignor"), and Lenovo Group Limited, a corporation organized under the laws of Hong Kong, with principal place of business at 23rd Floor, Lincoln House, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong ("Assignee") in execution of the Patent Rights Purchase and Assignment Agreement effective between the Parties on April 14<sup>th</sup>, 2014.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby: irrevocably assigns to Assignee:

- (1) the entire right, title, and interest, everywhere in the world, to
  - (a) the issued patents and pending patent applications set forth on Schedule 1 (the "Assigned Patents"),
  - (b) any inventions, patent applications and/or patents that may claim priority of or to the items in (a) (including but not limited to all past, existing or future patents provisionals, counterparts continuations, continuations-in-part, divisions, substitutes, renewals, reissues, reexaminations, or extensions thereof, together with all priority rights and foreign counterpart applications under any existing or future international patent conventions, agreements, or treaties),
  - (c) any patent that may be granted on any patent application in (a) or (b), any additions or changes and all patents granted thereon, anywhere in the world, the same to be held and enjoyed by Buyer to the full end of the term for which said patents are granted, as fully and entirely as the same could have been held and enjoyed by Seller if this sale had not been made, (all of the foregoing in (1) , collectively, the "Assigned Patent Rights"); and
- (2) all of the rights of actions to sue third parties for infringement (including but not limited to past, present and future infringement, damages and injunctive or other equitable relief) of any of the Assigned Patent Rights and any and all causes of action against third party infringement relating to any of the inventions or discoveries described in the Assigned Patent Rights based on activities occurring in the past, present or future; and
- (3) all of the rights to collect, receive and recover any damages, royalties, or settlements for such past, present and future infringements, based on any of the foregoing in (1) or (2).

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The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, this Assignment of Patent Rights is executed on April 14, 2014.

ON BEHALF OF ASSIGNOR:

Kapsch CarrierCom France SAS

By: 

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ON BEHALF OF ASSIGNEE:

Lenovo Group Limited

By: 

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Kong

Ph: 1-919-294-5967

ASSIGNOR WITNESS:

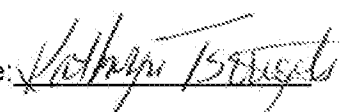
Witness' Signature: 

Witness' Name: PETRA MAUCHER-KATNIK

Date of Execution: 14th of June 2014

Place of Execution: Vienna

ASSIGNEE WITNESS:

Witness' Signature: 

Witness' Name: KATHRYN KIRIGOTIS

Date of Execution: 12th of June 2014

Place of Execution: Morrisville, NC

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SCHEDULE 1

PATENTS AND PATENT APPLICATIONS

Family	Jurisdiction	Legal status	Publication or Patent No.	Pub/Issue Date (DDMMYY)	Application No.	Filing date (DDMMYY)	Title
1	EP	Granted alive	1274265	03.09.08	02291592.0	26.06.02	Procedure for transmission of modulated signal blocks, transmission station and data source according to the procedure
1	FR	Granted alive	1274265	03.09.08	02291592.0	26.06.02	Procedure for transmission of modulated signal blocks, transmission station and data source according to the procedure
1	DE	Granted alive	1274265	03.09.08	02291592.0	26.06.02	Procedure for transmission of modulated signal blocks, transmission station and data source according to the procedure
1	GB	Granted alive	1274265	03.09.08	02291592.0	26.06.02	Procedure for transmission of modulated signal blocks, transmission station and data source according to the procedure
1	US	Granted alive	7283501	16.10.07	10/187,934	02.07.02	Method for sending modulated-signal blocks, sending station and data source for the implementation of the method
1	FR	Granted alive	2826806	23.04.04	108754	02.07.01	Procedure for transmission of modulated signal blocks, transmission station and data source according to the procedure
2	US	Granted alive	7302251	27.11.07	09/943,871	30.08.01	Channel request and contention resolution apparatus and method
3	US	Granted alive	8116280	14.02.12	12/088,488	25.09.06	Method for managing communications and related core network node
4	US	Granted alive	6023459	08.02.00	08/760,381	04.12.96	Frequency assignment in wireless networks
5	US	Granted alive	7006478	28.02.06	09/715,753	17.11.00	Communicating over one or more paths in an interface between a base station and a system controller
6	US	Granted alive	7420951	02.09.08	09/609,913	03.07.00	Packet-switched communications in a mobile network

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7	US	Lapsed	5537594	16.07.96	08/109,155	19.08.93	Query processing in a mobile communications system home location register
8	US	Granted alive	6314292	06.11.01	08/911,628	15.08.97	Method and apparatus for enhanced call setup
9	US	Granted alive	7702311	20.04.10	10/610,370	30.06.03	Method for extending content aware accounting to a serving GPRS node
10	US	Granted alive	7039402	02.05.06	10/634,555	05.08.03	Disaster recovery for very large GSM/UMTS HLR databases
11	US	Granted alive	6876854	05.04.05	09/723,345	27.11.00	Mobile communication system using loss cables as transmission elements
12	US	Granted alive	5867787	02.02.99	08/509,136	31.07.95	Overload control for an integrated MSC/HLR switch
12	US	Granted alive	6151499	21.11.00	09/121,940	24.07.98	Overload control for an integrated MSC/HLR switch
13	US	Granted alive	6138016	24.10.00	08/760,276	04.12.96	Distributing location tracking functionality in wireless telephone systems
14	US	Granted alive	6578082	10.06.03	09/365,669	02.08.99	Distributed flow control system and method for GPRS networks based on leaky buckets
15	EP	Granted alive	923257	03.11.04	98309997,9	07.12.98	Cellular communications system
15	FR	Granted alive	923257	03.11.04	98309997,9	07.12.98	Cellular communications system
15	GB	Granted alive	923257	03.11.04	98309997,9	07.12.98	Cellular communications system
15	US	Granted alive	6138017	24.10.00	08/986,810	08.12.97	Cellular communications system
16	US	Granted alive	6636736	21.10.03	09/508,132	13.07.00	Device for allocating resources in a radiocommunication network
17	US	Granted alive	6477375	05.11.02	09/293,390	16.04.99	Method and system for reducing call setup processing cost by determining when to forward calls to detached subscribers
18	US	Granted alive	7072961	04.07.06	10/036,084	31.12.01	Data session service initialization for wireless devices
19	US	Granted alive	6907228	14.06.05	10/056,538	24.01.02	Allocating carrier frequencies for communicating beacon control signaling
20	US	Granted alive	7587209	08.09.09	10/334,669	30.12.02	Method of SMS message transfer after GPRS attach
21	US	Granted alive	8116335	14.02.12	11/984,490	19.11.07	Methods and apparatus for data communication
23	EP	Granted alive	1587257	21.03.07	04291025.7	16.04.04	Method and arrangement for selecting one of several nominally identical data streams
23	GB	Granted alive	1587257	21.03.07	04291025.7	16.04.04	Method and arrangement for selecting one of several nominally identical data streams

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23	DE	Granted alive	1587257	21.03.07	04291025.7	16.04.04	Method and arrangement for selecting one of several nominally identical data streams
24	EP	Granted alive	1645154	17.03.10	04725410.7	02.04.04	Call routing and corresponding updating of routing information
24	FR	Granted alive	1645154	17.03.10	04725410.7	02.04.04	Call routing and corresponding updating of routing information
24	GB	Granted alive	1645154	17.03.10	04725410.7	02.04.04	Call routing and corresponding updating of routing information
24	DE	Granted alive	1645154	17.03.10	04725410.7	02.04.04	Call routing and corresponding updating of routing information
25	FR	Granted alive	2874303	16.11.06	0408879	12.08.04	Procédé pour maintenir un lien radio entre une station de base et une station mobile

**PATENT****RECORDED: 07/03/2014****REEL: 033236 FRAME: 0623**